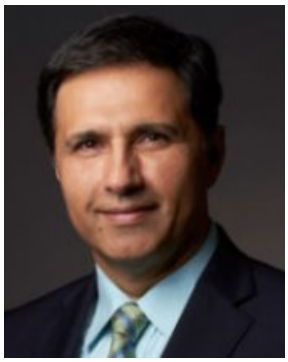
CIRM Funded Clinical Trials

Phase 1 Safety Assessment of CPCB-RPE1, hESC-derived RPE Cell Coated Parylene Membrane Implants, in Patients with Advanced Dry Age Related Macular Degeneration

Disease Area:	Age-related macular degeneration
Investigator:	Mark Humayun
Institution:	University of Southern California
CIRM Grant:	DR3-07438
Award Value:	$17,128,661
Trial Sponsor:	Regenerative Patch Technologies
Trial Stage:	Phase 1
Trial Status:	Recruiting
Targeted Enrollment:	20
ClinicalTrials.gov ID:	NCT02590692



Mark Humayun

Details:
Age-related macular degeneration is a progressive disease resulting in death of the retinal pigment epithelium (RPE) causing distortion to central vision and eventually to legal blindness. Regenerative Patch Technologies and scientists at the University of Southern California and UC Santa Barbara, are growing specialized cells of the retina (called retinal pigment epithelium) from embryonic stem cells, placing them on a single layer scaffold and implanting the combination device in the back of the eye to try to reverse blindness.

Design:
Open label, single arm study.

Goal:
Safety. Efficacy - slow disease progression, maintain and restore visual acuity

Updates:
Currently Enrolling

Contact Trial Sponsor

Source URL: https://www.cirm.ca.gov/clinical-trial/phase-1-safety-assessment-cpcb-rpe1-hesc-derived-rpe-cell-coated-parylene-membrane